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TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371		ATTORNEY'S DOCKET NUMBER 4174-052881
		U.S. APPLICATION NO. (If known, see 37 CFR 1.5) <div style="font-size: 1.5em; font-weight: bold;">10/551018</div>
INTERNATIONAL APPLICATION NO. PCT/JP2004/003995	INTERNATIONAL FILING DATE 19.03.2004 (March 19, 2004)	PRIORITY DATE CLAIMED 31.03.2003 (March 31, 2003)
TITLE OF INVENTION Direct Methanol Type Fuel Cell and Method of Preventing Elution of Its Fuel Pole, Quality Control Method and Operation Method		
APPLICANT(S) FOR DO/EO/US Okuyama RYOICHI, Fujita YUKIO and Watanabe TSUTOMU		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a submission under 35 U.S.C. 371. 2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. 3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. 4. <input checked="" type="checkbox"/> The US has been elected (Article 31). 5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input checked="" type="checkbox"/> has been communicated by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). 6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). a. <input checked="" type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). 7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input checked="" type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). 10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). Items 11 to 20 below concern document(s) or information included: 11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 12. <input checked="" type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 13. <input checked="" type="checkbox"/> A preliminary amendment. 14. <input checked="" type="checkbox"/> An Application Data Sheet under 37 CFR 1.76. 15. <input type="checkbox"/> A substitute specification. 16. <input type="checkbox"/> A power of attorney and/or change of address letter. 17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825. 18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4). 19. <input checked="" type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).		

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U.S. APPLICATION NO. (if known, see 37 CFR 1.5) 10/551018		INTERNATIONAL APPLICATION NO. PCT/JP2004/003995		ATTORNEY'S DOCKET NUMBER 4174-052881	
20. Other items or information: <div style="text-align: center;">Form PCT/IB/306 (1 p.)</div>					
The following fees have been submitted				CALCULATIONS	PTO USE ONLY
21.	<input checked="" type="checkbox"/>	Basic national fee (37 CFR 1.492(a)).....	\$300	\$ 300.00	
22.	<input checked="" type="checkbox"/>	Examination fee (37 CFR 1.492(c))		\$ 200.00	
If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4).....				\$0	
All other situations.....				\$200	
23.	<input checked="" type="checkbox"/>	Search fee (37 CFR 1.492(b))		\$ 400.00	
If the written opinion of the ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4).....				\$0	
Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority.....				\$100	
International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB.....				\$400	
All other situations.....				\$500	
TOTAL OF 21, 22 and 23 =				900.00	
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE		
28 - 100 =	/50 =		x \$250	\$ 0	
Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).				\$ 0	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total claims	10 - 20 =	0	x \$ 50	\$ 0	
Independent claims	5 - 3 =	2	x \$200	\$ 400.00	
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$360	\$ 0	
TOTAL OF ABOVE CALCULATIONS =				\$ 1,300.00	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.				0	
SUBTOTAL =				\$ 1,300.00	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).				\$ 0	
TOTAL NATIONAL FEE =				\$ 1,300.00	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				\$ 40.00	
TOTAL FEES ENCLOSED =				\$ 1,340.00	
				Amount to be refunded:	\$
				Amount to be charged	\$

10/551 018

JCOS Rec'd PPT/PTO 29 SEP 2005

PTO-1390 (Rev. 07-2005)

Approved for use through 3/31/2007. OMB 0651-0021
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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- a. ☒ A check in the amount of \$ 1,340.00 to cover the above fees is enclosed.
- b. ☐ Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees.
A duplicate copy of this sheet is enclosed.
- c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 23-0650. A duplicate copy of this sheet is enclosed.
- d. ☐ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. **Credit card information should not be included on this form.** Provide credit card information and authorization on PTO-2038.

NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.

SEND ALL CORRESPONDENCE TO:

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SIGNATURE

James G. Porcelli

NAME

33,757

REGISTRATION NUMBER

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF:

ATTORNEY'S DOCKET NUMBER

**Okuyama RYOICHI,
Fujita YUKIO
Watanabe TSUTOMU**

4174-052881

PCT/JP2004/003995

ENTITLED

**"DIRECT METHANOL TYPE FUEL CELL AND METHOD OF
PREVENTING ELUTION OF ITS FUEL POLE, QUALITY
CONTROL METHOD AND OPERATION METHOD"**

To MAIL STOP PCT

Attention: DO/EO/US
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

EXPRESS MAIL CERTIFICATE

"Express Mail" Label Number **EL971230205US**

Date of Deposit **September 29, 2005**

I hereby certify that the following attached papers or fees

**TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/
ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER
35 U.S.C. 371 (original and two (2) copies) and check in amount
of \$1,340.00 for filing fee and recording fee for Assignment
APPLICATION DATA SHEET (3 pp.)
LETTER INDICATING PRACTITIONERS FOR POWER OF ATTORNEY (2 pp.)
DECLARATION AND POWER OF ATTORNEY (3 pp.)
RECORDATION FORM COVER SHEET (1 p.) with ASSIGNMENT (2 pp.)
PRELIMINARY AMENDMENT with Abstract
WO 2004/088781 – FRONT PAGE with ABSTRACT and SEARCH REPORT (4 pp.)
ENGLISH TRANSLATION OF PCT/JP2004/003995 and DRAWINGS (28 pp.)
ENGLISH TRANSLATION OF ARTICLE 34 AMENDMENTS (2 pp.)
FORM PCT/IB/306 - NOTIFICATION OF RECORDING A CHANGE**

are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. §1.10 on the date indicated above and is addressed to Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA, 22313-1450.

Nora Ann Pastrick
(Typed name of person mailing paper or fee)


(Signature of person mailing paper or fee)

Application No. Not Yet Assigned
Paper Dated: September 29, 2005
In Reply to USPTO Correspondence of N/A
Attorney Docket No. 4174-052881

Customer No. 28289

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No. : Not Yet Assigned
Applicant : **Okuyama RYOICHI et al.**
Filed : Concurrently Herewith
Title : **DIRECT METHANOL TYPE FUEL CELL
AND METHOD OF PREVENTING ELUTION
OF ITS FUEL POLE, QUALITY CONTROL
METHOD AND OPERATION METHOD**
International Application : No. PCT/JP2004/003995
International Filing Date : 19 March 2004
Priority Dates Claimed : 31 March 2003; 31 March 2003
Customer Number : 28289

LETTER INDICATING PRACTITIONERS FOR POWER OF ATTORNEY

MAIL STOP PCT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

This letter accompanies a Declaration and Power of Attorney document, which provides the power of attorney to more than ten practitioners.

In accordance with 37 CFR§1.32(c)(3), the following practitioners listed in the Declaration and Power of Attorney document are to be recognized by the United States Patent and Trademark Office as being of record in the above-referenced patent application to which the Declaration and Power of Attorney document is directed:

	Practitioner Name	Registration Number
1.	James G. Porcelli	33,757
2.	Russell D. Orkin	25,363
3.	David C. Hanson	23,024

Application No. Not Yet Assigned
Paper Dated: September 29, 2005
In Reply to USPTO Correspondence of N/A
Attorney Docket No. 4174-052881


Customer No. 28289

4.	Richard L. Byrne	28,498
5.	Barbara E. Johnson	31,198
6.	John W. McIlvaine	34,219
7.	Paul M. Reznick	33,059
8.	Lester N. Fortney	38,141
9.	William H. Logsdon	22,132
10.	Randall A. Notzen	36,882

Respectfully submitted,

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By


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